



Scientific Analyst

Company Name: I. M. Systems Group Inc.
(IMSG)

Dates Employed Jan 2017 - Present

Location College Park, MD

Involved in the retrieval and analysis of satellite data from the Joint Polar Satellite System (JPSS) Suomi National Polar-orbiting Partnership satellite. Position involved the analysis of data for anomalies, and support for the team's mission to refine algorithm products.

- Used various programming languages such as FORTRAN, Perl, and R, as well as scripting languages like Linux shell. Implemented analysis on projects.
- Build IDL programs to extract data from hdf5 files and performed statistical analysis.
- Supported the scientists through team meetings and provided scientific support to their mission. This including case studies of weather events involving aerosols and possible improvements to operational algorithms.
- Updated and maintained monitoring scripts that
- Presented results on weekly meetings and discussed findings with other scientists.